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Substitute for form 1449A/PTO INFORMATION DECL STATEMENT BY ARRIGO

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Complete if Known **Application Number** 10/790,908 **Filing Date** March 2, 2004 First Named Inventor Paul D. Ringgenberg Unassigned Group Art Unit Unassigned **Examiner Name Attorney Docket Number** 2003-IP-011866 U1 USA

				U.S. PATENT DOCU	JMENTS	
xaminer nitials	Cite No.1	U.S. Patent D	Cocument  Kind Code <sup>2</sup> (# known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
<b>(2)</b>		6,464,405		CAIRNS et al.	10-15-2002	
Ø		6,439,778		CAIRNS	08-27-2002	
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8		5,803,167		BUSSEAR et al.	09-08-1998	
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<sup>1</sup> Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (MPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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Substitut	te for form 1449B	PTO			Complete if Known			
					Application Number	10/790,908		
INFO	ORMATIC	NC	DIS	CLOSURE	Filing Date	March 2, 2004		
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Sheet	2	7	f	4	Attorney Docket Number	2002-IP-011866 U1 USA		

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS							
Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.							
cp)		INTELLIGENT WELLS, "OPTICAL FIBER TECHNOLOGY," dated OCTOBER, 2002							
		INTELLIGENT WELLS, "OIL FIELD APPLICATIONS OF HYDROPTICS TECHNOLOGY," dated OCTOBER, 2002							
		WORLD OIL, "WORLD'S FIRST MULTIPLE FIBER-OPTIC INTELLIGENT WELL," dated MARCH, 2003							
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		TRONIC, "FIREFLY PROJECT," undated .							

Examiner Signature Date Considered 1/31 /c 6
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<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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				Application Number	10/790,908	
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STA	TEMENT	BY.	APPLICANT	First Named Inventor	Paul D. Ringgenberg	
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Sheet	3	of	4	Attorney Docket Number	2003-IP-011866 U1 USA	

_		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS						
Examiner Initials	No.1 No.1 publisher, city and/or country where published.							
Ð		OTC 13235, "EXTENDING TIEBACK DISTANCES: WET-MATE CONNECTORS, ENABLING TECHNOLOGIES FOR CRITICAL SYSTEMS DEVELOPMENTS," dated 2001						
1		OCEAN DESIGN, "UNDERWATER MATEABLE CONNECTORS: ENABLING TECHNOLOGY AND THE NEXT STEP IN PERFORMANCE FOR NAVY AND TELECOM APPLICATIONS," PRESENTED AT UNDERWATER INTERVENTION CONFERENCE, 2002						
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1		PRODUCTION OPTIMIZATION, "INTELLIGENT COMPLETIONS," undated						
		SEACON, "MICROSTAR, 4-CHANNEL, WET-MATE, OPTICAL CONNECTOR," undated						
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				Application Number	10/790,908	
INFO	DRMATIC	ON DIS	CLOSURE	Filing Date	March 2, 2004	
STA	TEMENT	BY A	PPLICANT	First Named Inventor	Paul D. Ringgenberg	
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	(use as man	y sheets as	necessary)	Examiner Name	Unassigned	
Sheet	4	of	4	Attorney Docket Number	2003-IP-011866 U1 USA	

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS							
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90		HALLIBURTON, "X-LINE® AND R-LINE® LANDING NIPPLES AND LOCK MANDRELS; SET AND LOCK RELIABILITY IN SUBSURFACE FLOW CONTROL EQUIPMENT WITH A TOTAL COMPLETION PACKAGE", dated March 1997							
P		FOCAL TECHNOLOGIES CORPORATION, PRODUCT BROCHURE FOR MODEL 286, dated April 15, 2003							
Examine Signatur		Date Considered 1/31/96							

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<sup>1</sup> Unique citation designation number. 2 Applicant is to place a check mark here if English language Translation is attached.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	10/790,908					
Filing Date	March 2, 2004					
First Named Inventor	Paul D. Ringgenberg					
Group Art Unit	2874					
Examiner Name	Unassigned					
Attorney Docket Number	2003-IP-011866 U1 USA					

				U.S. PATENT DOCU	JMENTS	
Examiner Initials	Cite No.1	U.S. Patent I	Kind Code <sup>1</sup>	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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1/		6,332,787		Barlow, et al.	12-25-2001	
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INFORMATION DISCLOSURE	Filing Date	March 2, 2004
STATEMENT BY APPLICANT	First Named Inventor	Paul D. Ringgenberg
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		Office Action for Serial number 10/680,053 dated June 11, 2004					
97)							
+		U.S. Patent application Serial number10/680,053 filed October 7, 2003					
		U.S. Patent application Serial number 10/828,085 filed April 20, 2004					
		U.S. Patent application Serial number 10/680,625 filed October 7, 2003					
		U.S. Patent application Serial number 10/680,440 filed October 7, 2003					
		The Expro Group brochure, "Tronic Fibre Optic Wellhead Feedthrough Connectors", undated					
		Seacon brochure, "Fiber Optic Connectors", undated	<u> </u>				
		Ocean Design, Inc. brochure, "NRH Connector", undeted					
1		Ocean Design, Inc. brochure, "Hybrid Wet-Mate", 2000					
		Ocean Design, Inc. brochure, "I-CONN; Wet-Mateable Optical Connector", 2000					
7		Seacon Advanced Products data sheets, pgs. 22-1 through 22-20					
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Examiner Signature Date Considered 1/31/66

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**Attorney Docket Number** 

Complete if Known **Application Number** 10/790,908 **INFORMATION DISCLOSURE Filing Date** March 2, 2004 TATEMENT BY APPLICANT **First Named Inventor** Paul D. Ringgenberg **Group Art Unit** 2874 **Examiner Name** (use as many sheets as necessary) Unassigned

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Examiner Cite item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), Initials\* No.1 publisher, city and/or country where published. International Search Report for PCT/US04/01857 Examiner Date

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Ocean Design, Inc. brochure, "Hybrid Wet-Mate", 2000

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<sup>1</sup> Unique citation designation number. 3 Applicant is to place a check mark here # English language Translation is attached.

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<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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PTO/SB/08A (08-03) Approved for use through 07/31/2006. OMB 0651-0031

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Substitute for form 1445/210

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Application Number	10/790,908	
Filing Date	March 2, 2004	
First Named Inventor	Paul D. Ringgenberg	
Art Unit	2874	
Examiner Name	Unassigned	

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 2 Attorney Docket Number 2003-IP-011866 U1USA

				DOCUMENTS	
xaminer nitials*	Cite No.1	Document Number  Number-Kind Code <sup>2 (# known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
P		<sup>US-</sup> 6,766,853	07-27-2004	Restarick, et al.	
1		<sup>US-</sup> 6,684,950	02-03-2004	Patel	
		US- 6,017,227	01-25-2000	Caims, et al.	
		<sup>US-</sup> 4,756,595	07-12-1988	Braun, et al.	
		<sup>US-</sup> 6,666,274	12′23-2003	Hughes	
		<sup>US-</sup> 2004/0173350	09-09-2004	Wetzel, et al.	
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7		<sup>US-</sup> 2003/0213598	11-20-2003	Hughes	
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		FORE	<b>GN PATENT DOCU</b>	MENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
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Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known Substitute for form 1449/P **Application Number** 10/790.908 INFORMATION DISCLOSURE **Filing Date** March 2, 2004 STATEMENT BY APPLICANT **First Named Inventor** Paul D. Ringgenberg Art Unit 2874 (Use as many sheets as necessary) **Examiner Name** Unassigned Attorney Docket Number Sheet 2003-IP-011866 U1USA 12 of

	_	NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
P		Office Action for serial number 10/680,053 dated November 8, 2004	
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Examiner Signature		Date Considered 1/32/65	

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Sheet 1

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Application Number 10/790,908

Filing Date March 2, 2004

First Named Inventor Paul D. Ringgenberg

Art Unit 2874

Examiner Name Unassigned

Attorney Docket Number 2003-IP-011866 U1USA

			U. S. PATEN	T DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Document Number  Number-Kind Code <sup>2 (f known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
P.		<sup>US-</sup> 6,478,091	11-12-2002	Gano	
A		<sup>US-</sup> 6,527,052	03-04-2003	Ringgenberg, et al.	
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Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>5</sup> (if known)	- MM-DD-YYYY		Or Relevant Figures Appear	T <sup>©</sup>
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Substitute for form 144	13/F 10	•	Application Number	10/790,908			
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STATEMENT BY APPLICANT			T First Named Inventor	Paul D. Ringgenberg			
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Sheet 2	of	2	Attorney Docket Number	2003-IP-011866 U1USA			

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OP		Office Action for serial number 10/680,625 dated January 26, 2005	
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Examiner Signature		Date Considered 1/21/06	

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

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Application Number 10/790,908
Fiting Date March 2, 2004
First Named Inventor Paul D. Ringgenberg

Art Unit 2874

Examiner Name Unassigned

Attorney Docket Number | 2003-IP-011866 U1 USA

Complete if Known

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Document Number  Number-Kind Code <sup>2 (# known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
90		<sup>US-</sup> 4,483,584	11-20-1984	Gresty	
40		<sup>US-</sup> 4,887,883	12-19-1989	Darbut, et al.	,
90		<sup>US-</sup> 5,645,483	07-08-1997	Cushman	
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(P))		GB 2318397	04-22-1998	ABB Seatec Ltd.		
40		WO 86/02173	04-10-1986	Lockheed Corporation		
$\mathcal{Q}_{\mathcal{D}}$		WO 03/046428	06-05-2003	Festo Ag & Co.		
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PTO/SB/08B (08-03)

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Sheet	2	of	2	Attorney Docket Number	2003-IP-011866 U1 USA	

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
GD)		Search Report for United Kingdom application no. GB 0507890.2	
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		Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>3</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T <sup>6</sup>
9		WO 2005/054801	06-16-2005	Sensor Highway Ltd.		
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Complete if Known **Application Number** 10/790,908 Filing Date March 2, 2004 First Named Inventor Paul D. Ringgenberg Art Unit 2874 **Examiner Name** Attorney Docket Number 2003-IP-011866 U1 USA

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P	<u> </u>	US- 5,505,260	04-09-1996	Andersen, et al.	т ідала тұрса
11	1	<sup>US-</sup> 6,837,310	01-04-2005	Martin	
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T		<sup>US-</sup> 6,281,489	08-28-2001	Tubel, et al.	
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		FORE	IGN PATENT DOCU	MENTS		
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Examiner Signature

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitut	e for form 1449/PTO				Complete if Known
				Application Number	10/790,908
INFO	DRMATION	4 DIS	CLOSURE	Filing Date	March 2, 2004
STA	TEMENT	BY A	PPLICANT	First Named Inventor	Paul D. Ringgenberg
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		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
P		Search Report for PCT/US04/01863	
		Search Report for PCT/US04/01856	
		U.S. Patent application Serial number 10/873,849 filed June 22, 2004	
		Norfolk Wire & Electronics, "Optical Fiber Splice Protectors – FSP", dated 2003	
		Office Action for Serial number 10/680,625 dated June 27, 2005	
		Office Action for Serial number 10/680, 440 dated July 6, 2005	·
		Office Action for Serial number 10/680,053 dated July 6, 2005	

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PTO/SB/08B (08-03)
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Under the Paperwork Reduction Office of information unless it contains a valid OMB control number. SEP 2 6 2005 8 DISCI Complete if Known Substitute for form 1449/PTO **Application Number** 10/790,908 INFORMATION DISCLOSURE Filing Date March 2, 2004 STATEMENT BY APPLICA First Named Inventor Paul D. Ringgenberg **Art Unit** 2874 (Use as many sheets as necessary) **Examiner Name** Sheet **Attorney Docket Number** 1 1 of 2003-IP-011866 U1 USA

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
A		Otis Engineering drawing number 41UP58701 dated May 4, 1993	
9P		Halliburton Energy Services drawing number 42 oo 210 dated April 7, 2001	
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Examiner Signature		Date Considered 1/31/06	

<sup>\*</sup>EXAMINER: Initial if reference considered, whetherfor not clation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Sheet

### INFORMATION DISC STATEMENT BY APPE

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(Use as many sheets as necessary)

Complete if Known				
Application Number	10/790,908			
Filing Date	March 2, 2004			
First Named Inventor	Paul D. Ringgenberg			
Art Unit	2874			
Examiner Name				
Attorney Docket Number	2003-IP-011866 U1 USA			

				DOCUMENTS	
Examiner Cit Initials* No		Document Number  Number-Kind Code <sup>2 (d known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, When Relevant Passages or Relevar Figures Appear
OP		<sup>US-</sup> 4,442,893	04-17-1984	Foust	
1		<sup>US-</sup> 4,375,237	03-01-1983	Churchman	
		<sup>US-</sup> 5,577,925	11-26-1996	Schnatzmeyer, et al.	
		<sup>US-</sup> 4,921,438	05-01-1990	Godfrey, et al.	
L		<sup>US-</sup> 4,624,309	11-25-1986	Schnatzmeyer	
		<sup>US-</sup> 4.757.859	07-19-1988	Schnatzmeyer	
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		FOREIGN	PATENT DOCU	MENTS		
Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T <sup>6</sup>
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Substitute	for form 1449/P/	o	<b>18</b>		Complete if Known	
		NUN 2 8	3 2005 []	Application Number	10/790,908	
INFORMATION DISCLOSURE STATEMENT BY APPLE CANT			CLOSURE	Filing Date	March 2, 2004	
			PECANT	First Named Inventor	Paul D. Ringgenberg	
			essend	Art Unit	2874	
			000017/	Examiner Name		
Sheet	1	of	1	Attorney Docket Number	2003-IP-011866 U1 USA	

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90		Halliburton presentation entitled, "DTS Conceptual Completions", December 3, 2002.	
P		Halliburton presentation entitled, "Greater Plutonio Completions Workshop", March 12, 2003	
P		Office action for serial number 10/680,053 dated October 21, 2005	
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